

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-4. Canceled.

5. (Currently Amended) A wireless communication device comprising:
a system processor;
a communication processor;
a communication module, in communication with the system processor and the communication processor to facilitate communication between the system processor and the communication processor; and
a shared memory associated with the communication module;
wherein the system processor ~~and communication processor each include an associated operating system, the operating system being~~ is configured to receive variables from a single thread in a single threaded operating environment, port the received variables via a porting layer for use in a multiple threaded environment wherein the porting the received variables into the multiple threaded operating environment is performed by reference such that each of an independent thread can

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access variables by reference without stopping on another independent thread's variable.

6. (Previously Presented) The wireless communication device of claim 5, further comprising a single threaded modeling tool configured to generate code from a software model, wherein the single threaded modeling tool produces variables as global variables and not using the global variables in operation of a plurality of threads in the multiple threaded operating environment.

7. (Original) The wireless communication device of claim 5 wherein the porting layer comprises a root process table having process description block entries, each process in the process description block entry having static variables.

8. (Previously Presented) The wireless communication device of claim 6 5, further comprising an SDL modeling language used in the software development and wherein the single threaded modeling tool is TELELOGIC TAU C MICRO with light integration.

9. (Original) The wireless communication device of claim 5 wherein the wireless communication device is a wireless transmit/receive unit.